BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- CONSTRUCTION OF WARD OFFICE IN WARD NO.05, BYATARAYANAPURA

MODIFIED DRAFT TENDER SCHEDULE

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
1	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and directions of Engineer in charge of work.	Cum	639.88	509.07	Rupees Five Hundred Nine and Seven Paise Only
	Quantity above 125%		25.47	509.02	Rupees Five Hundred Nine and Two Paise Only
2	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specifications and directions of Engineer in charge of work.	Cum	40.82	2753.96	Rupees Two Thousand Seven Hundred Fifty Three and Ninety Six Paise Only
3	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of Engineer in charge of work.	Cum	60.65	5784.57	Rupees Five Thousand Seven Hundred Eighty Four and Fifty Seven Paise Only
4	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of Engineer in charge of work.	Cum	17.01	6147.38	Rupees Six Thousand One Hundred Forty Seven and Thirty Eight Paise Only
	Quantity above 125%		47.44	6146.79	Rupees Six Thousand One Hundred Forty Six and Seventy Nine Paise Only
5	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge of work.	Cum	55.30	5210.87	Rupees Five Thousand Two Hundred Ten and Eighty Seven Paise Only
6	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and directions of Engineer in charge of work.	Cum	28.09	227.89	Rupees Two Hundred Twenty Seven and Eighty Nine Paise Only
	Quantity above 125%		266.67	227.87	Rupees Two Hundred Twenty Seven and Eighty Six Paise Only
7	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per specifications and directions of Engineer in charge of work.	Cum	370.58	70.43	Rupees Seventy and Forty Three Paise Only
8	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications and directions of Engineer in charge of work.	Sqm	359.98	292.52	Rupees Two Hundred Ninety Two and Fifty Two Paise Only
9	Providing and removing centering, shuttering, strutting, propping etc.. and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications and directions of Engineer in charge of work.	Sqm	117.45	405.89	Rupees Four Hundred Five and Eighty Nine Paise Only
10	Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications and directions of Engineer in charge of work.	Sqm	296.55	517.01	Rupees Five Hundred Seventeen and One Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
11	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs complete as per specifications and directions of Engineer in charge of work.	Sqm	777.91	453.51	Rupees Four Hundred Fifty Three and Fifty One Paise Only
	Quantity above 125%		7.98	453.47	Rupees Four Hundred Fifty Three and Forty Seven Paise Only
12	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications and directions of Engineer in charge of work.	Sqm	27.66	856.01	Rupees Eight Hundred Fifty Six and One Paise Only
13	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications and directions of Engineer in charge of work.	Sqm	374.64	331.06	Rupees Three Hundred Thirty One and Six Paise Only
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specifications and directions of Engineer in charge of work.	Sqm	30.48	589.57	Rupees Five Hundred Eighty Nine and Fifty Seven Paise Only
	Quantity above 125%		27.17	589.51	Rupees Five Hundred Eighty Nine and Fifty One Paise Only
15	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specifications and directions of Engineer in charge of work.	Sqm	20.64	366.21	Rupees Three Hundred Sixty Six and Twenty One Paise Only
16	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc.. including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement complete as per specifications and directions of Engineer in charge of work.	Cum	209.65	6589.55	Rupees Six Thousand Five Hundred Eighty Nine and Fifty Five Paise Only
17	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated for all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of Engineer in charge of work.	Cum	18.36	6853.72	Rupees Six Thousand Eight Hundred Fifty Three and Seventy Two Paise Only
18	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated for all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of Engineer in charge of work.(First Floor)	Cum	20.14	6921.75	Rupees Six Thousand Nine Hundred Twenty One and Seventy Five Paise Only
	Quantity above 125%		2.03	6921.09	Rupees Six Thousand Nine Hundred Twenty One and Nine Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
19	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum.with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick.vibrated for all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of Engineer in charge of work.(Head Room)	Cum	0.00	6989.78	Rupees Six Thousand Nine Hundred Eighty Nine and Seventy Eight Paise Only
20	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) complete as per specifications and directions of Engineer in charge of work.	Cum	152.35	6232.41	Rupees Six Thousand Two Hundred Thirty Two and Forty One Paise Only
	Quantity above 125%		16.05	6231.82	Rupees Six Thousand Two Hundred Thirty One and Eighty One Paise Only
21	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing,complete as per specifications and directions of Engineer in charge of work.	Sqm	0.00	562.36	Rupees Five Hundred Sixty Two and Thirty Six Paise Only
22	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	14.40	568.03	Rupees Five Hundred Sixty Eight and Three Paise Only
23	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge of work.	tonne	42.08	79600.00	Rupees Seventy Nine Thousand Six Hundred Only
24	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge of work.(First Floor)	tonne	12.68	81000.00	Rupees Eighty One Thousand Only
	Quantity above 125%		7.51	89282.65	Rupees Eighty Nine Thousand Two Hundred Eighty Two and Sixty Five Paise Only
25	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of Engineer in charge of work.(Head Room)	tonne	0.00	82500.00	Rupees Eighty Two Thousand Five Hundred Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
26	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and directions of Engineer in charge of work.	Sqm	42.30	1034.01	Rupees One Thousand Thirty Four and One Paise Only
27	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc.,complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	243.75	1073.69	Rupees One Thousand Seventy Three and Sixty Nine Paise Only
28	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and directions of Engineer in charge of work.(Head Room)	Sqm	0.00	1113.38	Rupees One Thousand One Hundred Thirteen and Thirty Eight Paise Only
29	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and directions of Engineer in charge of work.	Sqm	0.00	919.18	Rupees Nine Hundred Nineteen and Eighteen Paise Only
30	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	67.83	959.18	Rupees Nine Hundred Fifty Nine and Eighteen Paise Only
	Quantity above 125%		260.98	959.09	Rupees Nine Hundred Fifty Nine and Eight Paise Only
31	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and directions of Engineer in charge of work.(Terrace)	Sqm	0.00	998.86	Rupees Nine Hundred Ninety Eight and Eighty Six Paise Only
32	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners, wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge of work.	Sqm	231.13	295.92	Rupees Two Hundred Ninety Five and Ninety Two Paise Only
33	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners, wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	248.18	309.52	Rupees Three Hundred Nine and Fifty Two Paise Only
	Quantity above 125%		17.57	309.49	Rupees Three Hundred Nine and Forty Nine Paise Only
34	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners, wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge of work.(Terrace)	Sqm	0.00	323.13	Rupees Three Hundred Twenty Three and Thirteen Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
35	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge of work.	Sqm	69.12	231.29	Rupees Two Hundred Thirty One and Twenty Nine Paise Only
36	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	202.35	238.09	Rupees Two Hundred Thirty Eight and Nine Paise Only
	Quantity above 125%		542.90	238.07	Rupees Two Hundred Thirty Eight and Seven Paise Only
37	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge of work.(Head Room)	Sqm	0.00	244.90	Rupees Two Hundred Forty Four and Ninety Paise Only
38	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications and directions of Engineer in charge of work.	Sqm	0.00	232.43	Rupees Two Hundred Thirty Two and Forty Three Paise Only
39	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	64.68	239.23	Rupees Two Hundred Thirty Nine and Twenty Three Paise Only
40	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering. : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge of work.	Sqm	750.03	255.10	Rupees Two Hundred Fifty Five and Ten Paise Only
	Quantity above 125%		215.97	255.08	Rupees Two Hundred Fifty Five and Seven Paise Only
41	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. , complete as per specifications and directions of Engineer in charge of work.	Sqm	1322.18	88.44	Rupees Eighty Eight and Forty Four Paise Only
	Quantity above 125%		458.22	88.43	Rupees Eighty Eight and Forty Two Paise Only
42	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and directions of Engineer in charge of work.	Sqm	572.16	104.00	Rupees One Hundred Four Only
	Quantity above 125%		237.71	102.03	Rupees One Hundred Two and Three Paise Only
43	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and directions of Engineer in charge of work.	Sqm	750.03	136.36	Rupees One Hundred Thirty Six and Thirty Six Paise Only
	Quantity above 125%		216.00	133.77	Rupees One Hundred Thirty Three and Seventy Seven Paise Only
44	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications and directions of Engineer in charge of work.	Sqm	167.67	392.90	Rupees Three Hundred Ninety Two and Ninety Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
45	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	248.18	402.15	Rupees Four Hundred Two and Fifteen Paise Only
	Quantity above 125%		32.57	394.52	Rupees Three Hundred Ninety Four and Fifty One Paise Only
46	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications and directions of Engineer in charge of work.(Head Room)	Sqm	0.00	420.64	Rupees Four Hundred Twenty and Sixty Four Paise Only
47	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of Engineer in charge of work.	Sqm	304.75	729.18	Rupees Seven Hundred Twenty Nine and Eighteen Paise Only
	Quantity above 125%		26.34	715.35	Rupees Seven Hundred Fifteen and Thirty Four Paise Only
48	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	285.35	731.49	Rupees Seven Hundred Thirty One and Forty Nine Paise Only
49	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm complete as per specifications and directions of Engineer in charge of work.	Sqm	0.00	2370.14	Rupees Two Thousand Three Hundred Seventy and Fourteen Paise Only
50	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	285.35	2372.45	Rupees Two Thousand Three Hundred Seventy Two and Forty Five Paise Only
51	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials.mortar,labour,curing etc.,complete as per specifications and directions of Engineer in charge of work.	Sqm	18.20	5149.35	Rupees Five Thousand One Hundred Forty Nine and Thirty Five Paise Only
	Quantity above 125%		3.10	5051.66	Rupees Five Thousand Fifty One and Sixty Six Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
52	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	18.20	5151.66	Rupees Five Thousand One Hundred Fifty One and Sixty Six Paise Only
	Quantity above 125%		3.10	5053.93	Rupees Five Thousand Fifty Three and Ninety Two Paise Only
53	Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications and directions of Engineer in charge of work.	Sqm	0.00	1371.88	Rupees One Thousand Three Hundred Seventy One and Eighty Eight Paise Only
54	Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	16.88	1374.15	Rupees One Thousand Three Hundred Seventy Four and Fifteen Paise Only
	Quantity above 125%		0.88	1374.02	Rupees One Thousand Three Hundred Seventy Four and One Paise Only
55	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and directions of Engineer in charge of work.	Sqm	0.00	1850.34	Rupees One Thousand Eight Hundred Fifty and Thirty Four Paise Only
56	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	64.68	1852.60	Rupees One Thousand Eight Hundred Fifty Two and Sixty Paise Only
57	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making	Sqm	0.00	1126.98	Rupees One Thousand One Hundred Twenty Six and Ninety Eight Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
58	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per specifications and directions of Engineer in charge of work.	Sqm	70.70	596.37	Rupees Five Hundred Ninety Six and Thirty Seven Paise Only
59	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications and directions of Engineer in charge of work.	Nos	7.00	1548.75	Rupees One Thousand Five Hundred Forty Eight and Seventy Five Paise Only
60	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer in charge of work.	Cum	0.34	99324.01	Rupees Ninety Nine Thousand Three Hundred Twenty Four and One Paise Only
	Quantity above 125%		0.04	99314.55	Rupees Ninety Nine Thousand Three Hundred Fourteen and Fifty Five Paise Only
61	Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer in charge of work.	Cum	0.29	181498.41	Rupees One lakh Eighty One Thousand Four Hundred Ninety Eight and Forty One Paise Only
62	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer in charge of work.	Sqm	0.00	5353.73	Rupees Five Thousand Three Hundred Fifty Three and Seventy Three Paise Only
63	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	2.36	5358.26	Rupees Five Thousand Three Hundred Fifty Eight and Twenty Six Paise Only
	Quantity above 125%		7.09	5357.75	Rupees Five Thousand Three Hundred Fifty Seven and Seventy Five Paise Only
64	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer in charge of work.(Head Room)	Sqm	0.00	5362.80	Rupees Five Thousand Three Hundred Sixty Two and Eighty Paise Only
65	Providing and fixing in position fully panelled Teak wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer in charge of work.	Sqm	0.00	8097.49	Rupees Eight Thousand Ninety Seven and Forty Nine Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
66	Providing and fixing in position fully panelled Teak wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications and directions of Engineer in charge of work.(First Floor)	Sqm	3.94	8102.02	Rupees Eight Thousand One Hundred Two and Two Paise Only
	Quantity above 125%		28.82	8101.25	Rupees Eight Thousand One Hundred One and Twenty Four Paise Only
67	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame complete as per specifications and directions of Engineer in charge of work.	m	0.00	510.20	Rupees Five Hundred Ten and Twenty Paise Only
68	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame complete as per specifications and directions of Engineer in charge of work. (First Floor)	m	42.75	514.74	Rupees Five Hundred Fourteen and Seventy Four Paise Only
	Quantity above 125%		8.55	514.69	Rupees Five Hundred Fourteen and Sixty Eight Paise Only
69	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick. laminated with two GRP skins with wood grain finish. fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM). impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour	Sqm	0.00	4308.38	Rupees Four Thousand Three Hundred Eight and Thirty Eight Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
70	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour	Sqm	11.81	4312.91	Rupees Four Thousand Three Hundred Twelve and Ninety One Paise Only
	Quantity above 125%		2.36	4312.50	Rupees Four Thousand Three Hundred Twelve and Fifty Paise Only
71	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications and directions of Engineer in charge of work.	Sqm	15.99	109.98	Rupees One Hundred Nine and Ninety Eight Paise Only
72	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface	Sqm	0.00	5028.33	Rupees Five Thousand Twenty Eight and Thirty Three Paise Only
73	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface	Sqm	38.70	5035.13	Rupees Five Thousand Thirty Five and Thirteen Paise Only
	Quantity above 125%		7.35	5034.66	Rupees Five Thousand Thirty Four and Sixty Five Paise Only
74	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of Engineer incharge of work.	Kg	0.00	107.71	Rupees One Hundred Seven and Seventy One Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
75	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of Engineer incharge of work.(First Floor)	Kg	765.45	114.51	Rupees One Hundred Fourteen and Fifty One Paise Only
	Quantity above 125%		201.60	114.50	Rupees One Hundred Fourteen and Fifty Paise Only
76	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and directions of Engineer in charge of work.	Sqm	90.15	107.71	Rupees One Hundred Seven and Seventy One Paise Only
77	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and directions of Engineer incharge of work.	Sqm	17.53	6826.51	Rupees Six Thousand Eight Hundred Twenty Six and Fifty One Paise Only
78	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and directions of Engineer incharge of work.(First Floor)	Sqm	17.53	6833.32	Rupees Six Thousand Eight Hundred Thirty Three and Thirty Two Paise Only
79	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) complete as per specifications and directions of Engineer incharge of work.	Cum	137.14	368.48	Rupees Three Hundred Sixty Eight and Forty Eight Paise Only
	Quantity above 125%		5.99	368.44	Rupees Three Hundred Sixty Eight and Forty Four Paise Only
80	Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x4.8 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of throughing GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, trasportation, unloading, scaffolding charges and all other complete as per specifications and directions of Engineer	Sqm	0.00	13096.29	Rupees Thirteen Thousand Ninety Six and Twenty Nine Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
81	Providing & Fixing of Mineral Fibre Suspended Ceiling System in the module size of 600x600x19mm with exposed grid. The tiles should have Humidity Resistance(RH) of 99%, Light Reflectance 87%, Thermal conductivity k=0.052-0.057w/m K,NRC-0.7, colour white, Fire Performance UK A2 S1, do with antimicrobial coating on the face of the tile, suitable for zone 4 area according to NF S 90-35:2003 with clean room clss of ISO 5(class 100), Decontamination class of CP10 and Bactoriological cleanlines class B1 for specific strains and reduction in colony size. Washability properties of 500 wash cycles as per ASTM D-4828 and suitable for Green Building application with Recycled content of 37%. The tile shall be laid on 24mm wide T-section flanges colour white having rotary stitching on all t sections i.e. the main runner, 1200mm & 600mm cross tees with web height f 38mm and a load carrying sections should have a galvanizing of 90grmas per sqm and need to be installed with suspension system of approved make complete as per specifications and directions of Engineer incharge of work.	Sqm	0.00	2816.32	Rupees Two Thousand Eight Hundred Sixteen and Thirty Two Paise Only
82	Providing and fixing veneer paneling over the 50mm x 35mm sal wood frame work at spacing not exceeding 600mm c/c fixed to the wall and top covered out of 4mm thick approved veneer fixed over 12mm ply of approved brand ,termite and water resistant,finished with mealamme polish, complete including cost and conveyance of all materials, labour for all items of work HOM of equipment etc., complete as per specifications and directions of Engineer incharge of work.	Sqm	0.00	4239.22	Rupees Four Thousand Two Hundred Thirty Nine and Twenty Two Paise Only
83	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for straight Brick/Rcc/stone walls & coloumns/beams with necessary aluminium frame works at required level made out of 50x25x3mm C section or equalent. The panel should consist of 2.5 mm thermoplastic core of antitoxic LDPE sandwiched between 0.25 skins thick aluminium sheet making a total panel thickness of 3mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done using weather sealant of Dow Corning 789 with necessary rods etc., complete as per specifications and directions of Engineer incharge of work.	Sqm	0.00	4988.65	Rupees Four Thousand Nine Hundred Eighty Eight and Sixty Five Paise Only
84	Providing, fabricating and fixing of stick type structural glazing using Alluminium Extrusions of 63.5 mm x 58.00 mmx 2.25 mm of 1.73 kgs/ mtr for vertical and Horizontal members and 63.5 mm x 38.1 x 1.33 mm of 0.759 kg/Mtr, as outer frame with Electro Anodized Paint coated block finishing, using 6mm thick imported glass reflective hard coatedocean blue raw glass with all necessary accesories like ultra glass Silicon sealant of Space tape, Masking tape, Galvanized Anchaor bolt, machine screws, 6mm thick M.S. angle 50mm x 150mm x 6mm M.S. Galvanized L Brackets, structural sealent setting clocks, fasteners, wall connection etc., complete as per specifications and directions of Engineer incharge of work.	Sqm	0.00	7543.06	Rupees Seven Thousand Five Hundred Forty Three and Six Paise Only
85	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., complete as per specifications and directions of Engineer incharge of work.	Each BW	1.00	3955.65	Rupees Three Thousand Nine Hundred Fifty Five and Sixty Five Paise Only
86	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) complete as per specifications and directions of Engineer incharge of work. 0 to 50 m	Rmtr	50.00	364.28	Rupees Three Hundred Sixty Four and Twenty Eight Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
87	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) complete as per specifications and directions of Engineer incharge of work. 50 to 100 m	Rmtr	50.00	464.01	Rupees Four Hundred Sixty Four and One Paise Only
88	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) complete as per specifications and directions of Engineer incharge of work. 100 to 150 m	Rmtr	50.00	478.71	Rupees Four Hundred Seventy Eight and Seventy One Paise Only
89	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) complete as per specifications and directions of Engineer incharge of work. 150 to 200 m	Rmtr	50.00	562.69	Rupees Five Hundred Sixty Two and Sixty Nine Paise Only
90	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) complete as per specifications and directions of Engineer incharge of work. 200 to 250 m	Rmtr	50.00	665.57	Rupees Six Hundred Sixty Five and Fifty Seven Paise Only
91	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) complete as per specifications and directions of Engineer incharge of work. 250 to 300 m	Rmtr	50.00	734.86	Rupees Seven Hundred Thirty Four and Eighty Six Paise Only
92	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) complete as per specifications and directions of Engineer incharge of work. 300 to 350m	Rmtr	50.00	866.09	Rupees Eight Hundred Sixty Six and Nine Paise Only
93	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty complete as per specifications and directions of Engineer incharge of work.	Rmtr	70.00	1390.99	Rupees One Thousand Three Hundred Ninety and Ninety Nine Paise Only
94	Providing 250mm dia PVC Pipe 6kg/cm complete as per specifications and directions of Engineer incharge of work.	Rmtr	18.00	1154.78	Rupees One Thousand One Hundred Fifty Four and Seventy Eight Paise Only

Scanned by TapScanner

	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
95	Providing and fixing 160mm Borewell Cap complete as per specifications and directions of Engineer incharge of work.	Each	1.00	104.98	Rupees One Hundred Four and Ninety Eight Paise Only
96	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by meansns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps (12.5 HP 25 Stage) complete as per specifications and directions of Engineer incharge of work.	No	1.00	63407.92	Rupees Sixty Three Thousand Four Hundred Seven and Ninety Two Paise Only
97	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments complete as per specifications and directions of Engineer incharge of work.	mtr	300.00	452.46	Rupees Four Hundred Fifty Two and Forty Six Paise Only
98	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. complete as per specifications and directions of Engineer incharge of work.	mtr	540.00	133.01	Rupees One Hundred Thirty Three and One Paise Only
99	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) complete as per specifications and directions of Engineer incharge of work.	Each	43.33	92.38	Rupees Ninety Two and Thirty Eight Paise Only
100	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc.,complete as per specifications and directions of Engineer incharge of work.	Each	1.00	317.04	Rupees Three Hundred Seventeen and Four Paise Only
101	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A complete as per specifications and directions of Engineer incharge of work.	mtr	30.00	147.39	Rupees One Hundred Forty Seven and Thirty Nine Paise Only
102	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct complete as per specifications and directions of Engineer incharge of work.	mtr	30.00	11.34	Rupees Eleven and Thirty Four Paise Only
103	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete as per specifications and directions of Engineer incharge of work.	mtr	25.00	89.23	Rupees Eighty Nine and Twenty Three Paise Only
104	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV complete as per specifications and directions of Engineer incharge of work.	mtr	3.00	362.18	Rupees Three Hundred Sixty Two and Eighteen Paise Only
105	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete as per specifications and directions of Engineer incharge of work.	No.	1.00	293.94	Rupees Two Hundred Ninety Three and Ninety Four Paise Only
106	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, complete as per specifications and directions of Engineer incharge of work.	No.	1.00	2862.80	Rupees Two Thousand Eight Hundred Sixty Two and Eighty Paise Only

Scanned by TapScanner

	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
108	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden panel using necessary nuts, bolts and washers complete as per specifications and directions of Engineer incharge of work.	No.	6.00	188.96	Rupees One Hundred Eighty Eight and Ninety Six Paise Only
109	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer incharge of work.	Nos	2.00	1658.05	Rupees One Thousand Six Hundred Fifty Eight and Five Paise Only
110	Providing NPCP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete as per specifications and directions of Engineer incharge of work.	No.	1.00	239.25	Rupees Two Hundred Thirty Nine and Twenty Five Paise Only
111	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete as per specifications and directions of Engineer incharge of work.	No.	4.00	109.49	Rupees One Hundred Nine and Forty Nine Paise Only
112	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898, 5-32Amps Group A TPN complete as per specifications and directions of Engineer incharge of work.	No.	1.00	1624.04	Rupees One Thousand Six Hundred Twenty Four and Four Paise Only
113	Supplying fully automatic store detta starer unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired offer fixing to the wooden board for motor upto 12.50 HP complete as per specifications and directions of Engineer incharge of work.	No.	1.00	6910.83	Rupees Six Thousand Nine Hundred Ten and Eighty Three Paise Only
114	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole complete as per specifications and directions of Engineer incharge of work.	Cum	67.50	197.36	Rupees One Hundred Ninety Seven and Thirty Six Paise Only
115	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and including lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe atround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., complete as per specifications and directions of Engineer incharge of work.	Rmtr	100.00	164.82	Rupees One Hundred Sixty Four and Eighty Two Paise Only
116	Refilling the basement and pipeline treanches with seeleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs complete as per specifications and directions of Engineer incharge of work.	Cum	67.50	64.04	Rupees Sixty Four and Four Paise Only
117	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer incharge of work.	Each	4.00	2225.58	Rupees Two Thousand Two Hundred Twenty Five and Fifty Eight Paise Only
118	Providing and fixing of clampset and borewell cap to the pump complete as per specifications and directions of Engineer incharge of work.	Nos	1.00	472.41	Rupees Four Hundred Seventy Two and Forty One Paise Only
119	Providing and 175mm dia MS Coller etc as per specification and direction engineer in charge of the work.	Nos	15.00	157.47	Rupees One Hundred Fifty Seven and Forty Seven Paise Only
120	Providing Heavyduty coller 50mm dia complete as per specifications and directions of Engineer incharge of work	Nos	15.00	157.47	Rupees One Hundred Fifty Seven and Forty Seven Paise Only
121	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap, Cable clips with bolts, nuts, valves guages etc., involved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) complete as per specifications and directions of Engineer incharge of work.	Nos	1.00	3149.40	Rupees Three Thousand One Hundred Forty Nine and Forty Paise Only
122	Providing 20mm square M.S footrest and fixing in manhole Nos 232.00 with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications and directions of Engineer incharge of work.	Nos	4.00	312.92	Rupees Three Hundred Twelve and Ninety Two Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
122	Providing and fixing white vitreous china clay, water closet europeon type (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications and directions of Engineer incharge of work.	Each	4.00	5619.03	Rupees Five Thousand Six Hundred Nineteen and Three Paise Only
123	Providing and fixing white vitreous china clay,flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets ,32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications and directions of Engineer incharge of work.	Unit	4.00	3570.29	Rupees Three Thousand Five Hundred Seventy and Twenty Nine Paise Only
124	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and directions of Engineer incharge of work.	Unit	4.00	1287.98	Rupees One Thousand Two Hundred Eighty Seven and Ninety Eight Paise Only
125	Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specifications and directions of Engineer incharge of work.	Unit	4.00	837.87	Rupees Eight Hundred Thirty Seven and Eighty Seven Paise Only
126	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia complete as per specifications and directions of Engineer incharge of work.	Each	4.00	170.07	Rupees One Hundred Seventy and Seven Paise Only
127	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing .For Rain water pipe.complete as per specifications and directions of Engineer incharge of work.110 mm dia	m	132.00	492.06	Rupees Four Hundred Ninety Two and Six Paise Only
128	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing .For Rain water pipe.complete as per specifications and directions of Engineer incharge of work.160mm dia	m	66.30	967.12	Rupees Nine Hundred Sixty Seven and Twelve Paise Only
129	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm complete as per specifications and directions of Engineer incharge of work.	Nos.	7.00	9625.83	Rupees Nine Thousand Six Hundred Twenty Five and Eighty Three Paise Only
130	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 2000 Litre capacity) complete as per specifications and directions of Engineer incharge of work.	Nos.	1.00	15482.95	Rupees Fifteen Thousand Four Hundred Eighty Two and Ninety Five Paise Only
131	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer incharge of work	Each	4.00	196.14	Rupees One Hundred Ninety Six and Fourteen Paise Only
132	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer incharge of work	Each	4.00	159.86	Rupees One Hundred Fifty Nine and Eighty Six Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
133	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer incharge of work	Each	2.00	380.95	Rupees Three Hundred Eighty and Ninety Five Paise Only
134	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) complete as per specifications and directions of Engineer incharge of work.20mm nominal OD pipes	m	39.40	266.44	Rupees Two Hundred Sixty Six and Forty Four Paise Only
135	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) complete as per specifications and directions of Engineer incharge of work.25mm nominal OD pipes	m	39.40	332.20	Rupees Three Hundred Thirty Two and Twenty Paise Only
136	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet complete as per specifications and directions of Engineer incharge of work.	Point	36.00	209.96	Rupees Two Hundred Nine and Ninety Six Paise Only
137	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet complete as per specifications and directions of Engineer incharge of work.	Point	20.00	288.70	Rupees Two Hundred Eighty Eight and Seventy Paise Only
138	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire wherever necessary complete as per specifications and directions of Engineer incharge of work. 25mm dia, 2mm thick	Rmt	110.00	55.64	Rupees Fifty Five and Sixty Four Paise Only
139	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire wherever necessary complete as per specifications and directions of Engineer incharge of work. 32mm dia, 2mm thick	Rmt	80.00	87.13	Rupees Eighty Seven and Thirteen Paise Only
140	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary complete as per specifications and directions of Engineer incharge of work.19/20mm dia, 2mm thick	Rmt	100.00	53.54	Rupees Fifty Three and Fifty Four Paise Only
141	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary complete as per specifications and directions of Engineer incharge of work.25mm dia, 2mm thick	mtr	70.00	56.69	Rupees Fifty Six and Sixty Nine Paise Only

Scanned by TapScanner

	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in s wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary complete as per specifications and directions of Engineer incharge of work 32mm dia, 2mm thick	mtr	40.00	85.93	Rupees Eighty Five and Three Paise Only
143	Supplying and flush modular poweder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick /stone/C.C wall complete as per specifications and directions of Engineer incharge of work 1 - 3 Way.	Each	20.00	99.73	Rupees Ninety Nine and Seventy Three Paise Only
144	Supplying and flush modular poweder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick /stone/C.C wall complete as per specifications and directions of Engineer incharge of work 4 - 5 Way.	Each	15.00	110.23	Rupees One Hundred Ten and Twenty Three Paise Only
145	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 complete as per specifications and directions of Engineer incharge of work 6AMP 3/5 and Switch.	Each	100.00	138.57	Rupees One Hundred Thirty Eight and Fifty Seven Paise Only
146	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293 complete as per specifications and directions of Engineer incharge of work	Each	20.00	179.52	Rupees One Hundred Seventy Nine and Fifty Two Paise Only
147	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 complete as per specifications and directions of Engineer incharge of work 16Amps Combined switch and socket with indication	No	10.00	203.66	Rupees Two Hundred Three and Sixty Six Paise Only
148	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 complete as per specifications and directions of Engineer incharge of work Electronic stepped regulator.	No	25.00	221.51	Rupees Two Hundred Twenty One and Fifty One Paise Only
149	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements complete as per specifications and directions of Engineer incharge of work 2.5sqmm.	mtr	250.00	33.59	Rupees Thirty Three and Fifty Nine Paise Only
150	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements complete as per specifications and directions of Engineer incharge of work 4sqmm	mtr	205.00	47.24	Rupees Forty Seven and Twenty Four Paise Only
151	Supplying and fixing Metal Fan Box with Round Hook complete as per specifications and directions of Engineer incharge of work	Nos	20.00	89.23	Rupees Eighty Nine and Twenty Three Paise Only
152	Supplying and fixing of Group A, regular MCB distribution boards on wall/woodboard/flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB'S single phase/ 3 phase / single door with powder coated painting made out of SWG MS enclosute complete as per specifications and directions of Engineer incharge of work 12 way SP & N.	Nos	10.00	1270.26	Rupees One Thousand Two Hundred Seventy and Twenty Six Paise Only
153	Supply and fixing miniature circuit breakers on the existing MCB distribution boards using necessary fixing meterials and "C" type curve, Indiator ON/OFF energy cross -3 with as required confirming to IEC 60898 complete as per specifications and directions of Engineer incharge of work 5-32 AMPS DP.	Nos	10.00	954.27	Rupees Nine Hundred Fifty Four and Twenty Seven Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
154	Supplying, fixing and wiring earth electrode for grounding conduits , I.C. cutouts and others equipments on the meter board using 40mm dia 2.90mm long buried in a pit.. the pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit ect, is to be established through GI wire of size as ISI specification 7.3.3 of IS 732 using 12mm dia bolt, nut, washers and check nuts ect... the pipe shall have 16 through holes of 122mm dia, complete as per specifications and directions of Engineer incharge of work.	Nos	1.00	3149.09	Rupees Three Thousand One Hundred Forty Nine and Nine Paise Only
155	Supplying and running of GI/ copper strips for grounding connections, using necessary fixing materials as required complete as per specifications and directions of Engineer incharge of work. 25 x 3mm G.I strip	mtr	35.00	78.74	Rupees Seventy Eight and Seventy Four Paise Only
156	Supplying of .....feet - PVC Batten with integrated LED tube .....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. LED light fighting 1 x4'- 20/22 w complete as per specifications and directions of Engineer incharge of work.	Each	35.00	393.68	Rupees Three Hundred Ninety Three and Sixty Eight Paise Only
157	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles, single phase AC supply conforming to ISS-374-1979 and with double ball bearing system complete as per specifications and directions of Engineer incharge of work.48" sweep (1200mm)	Each	20.00	2194.08	Rupees Two Thousand One Hundred Ninety Four and Eight Paise Only
158	Supply Exhaust fan if 1440 RPM of (12") size with dracket blades complete for light duty suitable to -oerate on 230V 50Hz, supply complete as per specifications and directions of Engineer incharge of work.	Each	3.00	1259.76	Rupees One Thousand Two Hundred Fifty Nine and Seventy Six Paise Only
159	Supplying and Fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete, protection of Overload and Short circuit with thermal Magnetic/Microprocessed release and Earth Fault as per IS-13947. (icu =Ics) (53/4.12) complete as per specifications and directions of Engineer incharge of work. 630Amps 50kA	Each	2.00	30535.99	Rupees Thirty Thousand Five Hundred Thirty Five and Ninety Nine Paise Only
160	Supplying and Fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete, protection of Overload and Short circuit with thermal Magnetic/Microprocessed release and Earth Fault as per IS-13947. (icu =Ics) (53/4.12) complete as per specifications and directions of Engineer incharge of work. 63/100Amps 25kA	Each	2.00	6098.29	Rupees Six Thousand Ninety Eight and Twenty Nine Paise Only
161	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' cure, indicator ON/OFF, energy cross-3 with Short circuit breaking cappacity of 10K and complete wiring as required. Confirming to IEC 60898. (54/6.15) complete as per specifications and directions of Engineer incharge of work.40-63Amps TPN	Each	16.00	2032.41	Rupees Two Thousand Thirty Two and Forty One Paise Only
162	Supplying and fixing Trivector meter suitable for operation LT operation and CT operated meter in polycarbonate body in class 0.5accuracy as per IS 14697 and completely wired complete as per specifications and directions of Engineer incharge of work.	Each	2.00	3966.14	Rupees Three Thousand Nine Hundred Sixty Six and Fourteen Paise Only
163	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C (48/6.36) complete as per specifications and directions of Engineer incharge of work.	Each	2.00	464.01	Rupees Four Hundred Sixty Four and One Paise Only
164	Supplying, fixing and wiring 50/5 to 1000/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound (48/6.32) complete as per specifications and directions of Engineer incharge of work.	Each	2.00	755.86	Rupees Seven Hundred Fifty Five and Eighty Six Paise Only
165	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated, extruded inner sheathed, galvanised, steel strip (except 2Cx 10Sq.mm wire armoured) Confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheated armoured cable with specified IS-1554 Part-1:1998 & confirming to the attached GTP of GROUP-A. (62/7.4) complete as per specifications and directions of Engineer incharge of work. 3.5 core 240 sqmm	mtr	30.00	1186.27	Rupees One Thousand One Hundred Eighty Six and Twenty Seven Paise Only

Scanned by TapScanner

Sl. No.	Description of Work	Unit	Quantity	Rate in Figures	Rate in Words
166	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated, extruded inner sheathed, galvanised, steel strip (except 2Cx 10Sq.mm wire armoured) Confirming to IS-3975:1990 (No. of Strip specified IS-1554 Part-1:1998 & confirming to the attached GTP of GROUP-A. (62/7.4) complete as per specifications and directions of Engineer incharge of work. 3.5 core 25 sqmm	mtr	28.40	188.96	Rupees One Hundred Eighty Eight and Ninety Six Paise Only
167	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. (68/7.8) complete as per specifications and directions of Engineer incharge of work.25 sqmm to 75 sqmm	mtr	30.00	16.27	Rupees Sixteen and Twenty Seven Paise Only
168	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. (68/7.8) complete as per specifications and directions of Engineer incharge of work.300 sqmm 400 Sqmm	mtr	28.40	33.59	Rupees Thirty Three and Fifty Nine Paise Only
169	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.(64/7.21) complete as per specifications and directions of Engineer incharge of work.25 sqmm Long Barrel	Each	6.00	21.62	Rupees Twenty One and Sixty Two Paise Only
170	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.(64/7.21) complete as per specifications and directions of Engineer incharge of work.300 sqmm Long Barrel	Each	6.00	354.83	Rupees Three Hundred Fifty Four and Eighty Three Paise Only
171	Supplying and fiixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) (69/7.14) complete as per specifications and directions of Engineer incharge of work.50mm dia	Each	6.00	267.70	Rupees Two Hundred Sixty Seven and Seventy Paise Only
172	Supplying and fiixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) (69/7.14) complete as per specifications and directions of Engineer incharge of work.75mm dia	Each	4.00	520.70	Rupees Five Hundred Twenty and Seventy Paise Only
173	Digging of trench of 0.6m deep x 0.50 mtr wide refiling the trench to the required ground level and consolidating. (68/7.9) In soil (hard) complete as per specifications and directions of Engineer incharge of work.	mtr	15.00	11.28	Rupees Eleven and Twenty Eight Paise Only
174	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. (68/7.12) complete as per specifications and directions of Engineer incharge of work. 40mm	mtr	15.00	355.00	Rupees Three Hundred Fifty Five Only
175	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. (68/7.12) complete as per specifications and directions of Engineer incharge of work. 40mm	mtr	15.00	600.00	Rupees Six Hundred Only
E1	Fabricating, providing and erecting in position of MS. Hot dip galvanized Sq Hallow Poles of 132*132 Heavy gauge of length 3000mm with MS. Hot dip galvanized grill work as per approved design and drawing of chief architect. Using 12*65mm galvanized flat for alround frame and 20mm*20mm galvanized forged design with square for vertical at 150mm C/C as shown in the drawing including providing forged omamenttal arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placiing welding all the joints, including grinding, finishing 2 coats of anti corrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS Hallow galvanized pipe, flat, forged square rods, coat of labour for all items of work cost painting, welding, Cutting, grinding with all lead and lift as per specification including loading with cost and conveyance of all materials, labour machinery and incidental charges for the successful complete of the work as per the direction Engineer-in-charge of the work.	Sqm	85.95	16406.81	Rupees Sixteen Thousand Four Hundred Six and Eighty One Paise Only

Executive Engineer
Yelahanka Project Division
BBMP

Scanned by TapScanner